














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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Unassigned
				Filing Date	March 17, 2004
				First Named Inventor	Philip A. Chou
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	225202

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
		Application or Patent Number	Kind Code			

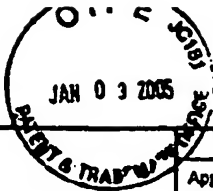
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**

OTHER - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation		
			Yes	No**	
	AA	Albanese, et al., "Priority Encoding Transmission", <i>IEEE Transactions on Information Theory</i> , Vol. 42, pp. 1737-1744 (November 1996)	/		
	AB	Chou et al., "Clustering Source/Channel Rate Allocations for Receiver-driven Multicast under a Limited Number of Streams", <i>2000 IEEE International Conference on Multimedia and Expo, ICME 2000</i> , pp. 1221-1224 (July 2000)	/		
	AC	Chou et al., "Error Control for Receiver-Driven Layered Multicast of Audio and Video", <i>IEEE Transactions on Multimedia</i> , Vol. 3, No. 1, pp. 108-122 (March 2001)	/		
	AD	Davis et al., "Joint Source and Channel Coding for Image Transmission Over Lossy Packet Networks", <i>SPIE</i> , Vol. 2847, pp. 376-387 (August 1996)	/		
	AE	Goyal, Vivek K., "Multiple Description Coding: Compression Meets the Network", <i>IEEE Signal Processing Magazine</i> , pp. 74-93 (September 2001)	/		
	AF	Mohr et al., "Approximately Optimal Assignment for Unequal Loss Protection", <i>Proceedings of the International Conference on Image Processing</i> , pp. 367-370 (2000)	/		
	AG	Mohr et al., "Unequal Loss Protection: Graceful Degradation of Image Quality over Packet Erasure Channels Through Forward Error Correction", <i>IEEE Journal on Selected Areas in Communications: A Publication of the IEEE Communications Society</i> , Vol. 18, No. 6, pp. 819-829 (June 2000)	/		
	AH	Padmanabhan et al., "Distributing Streaming Media Content Using Cooperative Networking", <i>Proceedings of the 12th International Workshop on Network and Operating Systems Support for Digital Audio and Video: NOSSDAV 2002</i> , pp. 177-186 (May 2002)	/		
	AI	Puri et al., "Multiple Description Source Coding Through Forward Error Correction Codes", pp. 342-346 (October 1999)	/		
	AJ	Stankovic, et al., "Packet Loss Protection of Embedded Data with Fast Local Search", <i>ICIP: 2002 Proceedings of International Conference on Image Processing</i> , pp. 11-165-168 (September 2002)	/		
	AK	Zimmermann, Hubert, "OSI Reference Model - The ISO Model of Architecture for Open Systems Interconnection", <i>IEEE Transactions on Communications</i> , Vol. COM-28, No. 4, pp. 425-482 (April 1980)	/		

Examiner Signature		Date Considered	2/15/07
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- \* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- \* An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

1

## **Complete if Known**

Application Number	10/802,648
Filing Date	March 17, 2004
First Named Inventor	Phillip Andrew Chou
Group Art Unit	2661
Examiner Name	Unassigned
Attorney Docket Number	225202

## **U.S. PATENT DOCUMENTS**

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## **OTHER - NON PATENT LITERATURE DOCUMENTS**

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			Yes	No**
lee	AL	BARABASI, ALBERT-LASZLO, et al., "Emergence of Scaling in Random Networks," <i>Science</i> , Vol. 286, (1999), pp. 509-512.	/	
lee	AM	BU, TIAN, et al., "Network Tomography on General Topologies," <i>Proc. ACM SIGMETRICS</i> , (2002).	/	
lee	AN	CASTRO, MIGUEL, et al., "SplitStream: High-bandwidth Content Distribution in Cooperative Environments," <i>Proc. SOSP</i> , (2003).	/	
lee	AO	CHAWATHE, YATIN, et al., "Making Gnutella-like P2P Systems Scalable," <i>Proc. ACM SIGCOMM</i> , (2003).	/	
lee	AP	CHU, YANG-HUA, et al., "Enabling Conferencing Applications on the Internet Using an Overlay Multicast Architecture," <i>Proc. ACM SIGCOMM</i> , (2001).	/	
lee	AQ	"End System Multicast," <a href="http://esm.cs.cmu.edu">http://esm.cs.cmu.edu</a> , printed on May 6, 2004.	/	
lee	AR	LIU, JIANGCHUAN, et al., "A Hybrid Adaptation Protocol for TCP-Friendly Layered Multicast and Its Optimal Rate Allocation," <i>IEEE Infocom</i> , (2002).	/	
lee	AS	MCCANNE, S.R., et al., "Receiver-driven Layered Multicast," <i>Proc. ACM SIGCOMM</i> , (1996).	/	
lee	AT	MEDINA, ALBERTO, et al., "BRITE: An Approach to Universal Topology Generation," <i>Proc. MASCOTS</i> , (2001).	/	
lee	AU	PADMANABHAN, VENKAT, et al., "Resilient Peer-to-Peer Streaming," <i>Proc. IEEE ICNP</i> , (2003).	/	
lee	AV	<a href="http://www.rawflow.com/technology.html">http://www.rawflow.com/technology.html</a> , printed on May 4, 2004.	/	
lee	AW	WICKER, "Error Control Systems for Digital Communication and Storage," Prentice Hall, Copyright © 1995 512 pp.	/	
lee	AX	WU, LINDA, et al., "Thin Streams: An Architecture for Multicasting Layered Video," <i>Proc. NOSSDAY</i> , (1997).	/	

Examiner Signature

*[Handwritten Signature]*

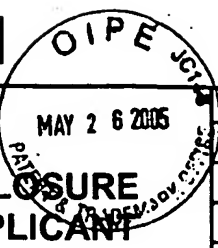
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PTO/SB/08A/B (08-03)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**Complete if Known**

Application Number	10/802,648
Filing Date	March 17, 2004
First Named Inventor	CHOU, Philip Andrew
Group Art Unit	2661
Examiner Name	
Attorney Docket Number	225202

Sheet 1 of 1

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Examiner Initials <sup>1</sup>	Cite No.	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Document Number	Kind Code			

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lll	AY	CHOU et al., "Layered Multiple Description Coding," <i>Proceedings of the Packet Video Workshop</i> , Nantes, France, April 2003 (2003).	<input checked="" type="checkbox"/>
lll	AZ	MAJUMDAR et al., "Rate-Distortion Efficient Video Transmission from Multiple Servers," <i>International Conference on Multimedia and Expo (ICME)</i> , Lausanne, Switzerland (August 2002).	<input checked="" type="checkbox"/>
lll	BA	NGUYEN et al., "Distributed Video Streaming with Forward Error Correction," <i>Packet Video Workshop</i> , Pittsburgh, PA (2002).	<input checked="" type="checkbox"/>
lll	BB	PADMANABHAN et al., "Supporting Heterogeneity and Congestion Control in Peer-to-Peer Multicast Streaming," <i>The 3rd International Workshop on Peer-to-Peer Systems (IPTPS 2004)</i> , San Diego, CA, February 26-27, 2004 (2004).	<input checked="" type="checkbox"/>

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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.